

CA  
S7

**PART B - FEE(S) TRANSMITTAL**

Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE  
 Commissioner for Patents  
 Alexandria, Virginia 22313-1450  
 Fax (703)746-4000

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590 06/18/2003

T. Murray Smith, Esq.  
 Baker Botts L.L.P.  
 Suite 600  
 2001 Ross Avenue  
 Dallas, TX 75201-2980



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**  
 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Carol A. Donahue	(Depositor's name)
<i>Carol A. Donahue</i>	
July 22, 2003	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/844,170	04/25/2001	Paul Klock	069078.0104	1739

**TITLE OF INVENTION:** METHOD AND APPARATUS FOR SWITCHING OPTICAL SIGNALS WITH A PHOTON BAND GAP DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$20	\$0	\$20	09/18/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
SANGHAVI, HEMANG	2874	385-016000

- 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
  - Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
  - "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.
- 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
  - Baker Botts L.L.P.
  - 2. \_\_\_\_\_
  - 3. \_\_\_\_\_
- 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)
 

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Raytheon Company

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Lexington, Massachusetts

Please check the appropriate assignee category or categories (will not be printed on the patent)  individual  corporation or other private group entity  government

4a. The following fee(s) are enclosed:

Issue Fee Balance Due \$20.00

4b. Payment of Fee(s):

A check in the amount of the fee(s) is enclosed.

Publication Fee

Payment by credit card. Form PTO-2038 is attached.

Advance Order - # of Copies \_\_\_\_\_

The Commissioner is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 02-0384 (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

**\$1,280 Issue Fee and \$30.00 Advance Order of 10 Copies previously paid on November 6, 2002**

(Authorized Signature)

(Date)

*J.T. Murray Smith Rec. No. 30222 07-22-2003*

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Adjustment date: 07/28/2003 MHM:02  
 11/14/2002 SHIN:052 00000057 09844170  
 01 FC:1501 -1280.00 OP

07/28/2003 MHM:02 SHIN:052 00000057 09844170  
 01 FC:1501 -1300.00 OP

07/28/2003 MHM:02 SHIN:052 00000194 09844170

01 FC:1501 1300.00 OP

TRANSMIT THIS FORM WITH FEE(S)